

Amendment After Final Rejection
Serial No. 10/075,866

Docket No. DE010031

REMARKS

Entry of this Amendment and reconsideration are respectfully requested in view of the amendments made to the claims and for the remarks made herein.

Claims 1-9 are pending. Claims 1, 2, 8 and 9 stand rejected. Claims 1, 3, 4 and 6 have been amended. Claim 2 has been cancelled.

Claim 2 stands rejected but would be allowable if rewritten to overcome the rejection under 35 USC 112, and claims 3-7 are objected to but would be allowable if rewritten in independent form.

Claims 1-7 stand rejected as being patentable under 35 USC 101 as being directed to processes that do nothing more than solve mathematical problems.

Applicant respectfully disagrees with and explicitly traverses the reason for the rejection of the claims. However, in the interest of advancing the prosecution of this matter, applicant has amended independent claim 1 as suggested on page 2 of the instant Office Action.

Having amended claim 1, as suggest, applicant submits that the reason for the rejection has been overcome and respectfully requests the rejection be withdrawn.

Claim 2 stands rejected under 35 USC 112, second paragraph as being indefinite for failing to particularly point out the subject matter which is regarded as the invention. More specifically, the variable t_{α} is not defined.

Applicant, through his attorney, thanks the examiner for his observation and has amended subject matter of claim 2 to include a definition of the term t_{α} as being a convergence increment. No new matter has been added. Support for the amendment may be found on at least page 7, line 10, which states "[t]he convergence increment t_{α} is calculated as follows:"

For at least this reason, applicant submits that the reason for the rejection has been overcome.

Applicant further submits that in view of the statements made with regard to the allowability of claim 2, claim 2 has been cancelled and the subject matter, including the above amendment is incorporated into claim 1.

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Hence, notwithstanding the amendment to claim 2, the cancellation of this claim has rendered the rejection no longer relevant.

For at least this reason applicant respectfully requests that the rejection be withdrawn.

Claims 1, 8 and 9 stand rejected under 35 USC 103(a) as being unpatentable over Peters in view of applicant's admitted prior art.

Applicant respectfully disagrees with and explicitly traverses the reason for rejecting the claims. However, in the interest of advancing the prosecution of this matter, claim 1 has been amended to include the subject matter recited in claim 2, including the amendment made to define the term " t_a ". Applicant submits that claim 1 is in a form consistent with the examiner's indication of allowable subject matter and, hence, is allowable over the references cited.

For at least this reason, applicant submits the reason for the rejection has been overcome and respectfully requests the rejection be withdrawn.

With regard to independent claims 8 and 9, these claims recite a speech recognition system and a training arrangement, respectively, utilizing the subject matter recited in claim 1. Hence, for the arguments presented with regard to claim 1, which are reasserted, as if in full in response to the rejection of claims 8 and 9, applicant submits that the reason for the rejection of these claims has been overcome. Applicant respectfully requests that the rejection be withdrawn.

With regard to claims 3-7 these claims, as amended, depend from independent claim 1, which has been shown to be allowable over the cited references. Therefore, claims 3-7 are also allowable by virtue of their dependency upon an allowable base claim.

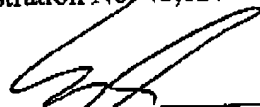
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For all the foregoing reasons, it is respectfully submitted that all the present claims are patentable in view of the cited references. A Notice of Allowance is respectfully requested.

Respectfully submitted,

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